



City of Santa Barbara
Building & Safety Division
**JESUSITA & TEA FIRE
EROSION CONTROL**

Community Development
630 Garden Street
805-564-5485

Getting some Erosion Control measures installed on your property after the debris has been cleared is a very important and time-sensitive issue. The following measures are a partial list of those measures that could be used to help prevent and control erosion.

For a more complete description, limitations and installation instructions, see the following website:

<http://www.cabmphandbooks.org/Construction.asp> - and scroll down to "Section 3".

Slope Drains are pipes used to intercept and direct surface runoff or groundwater into a stabilized watercourse, trapping device, or stabilized area. Slope drains are used with earth dikes and drainage ditches to intercept and direct surface flow away from slope areas to protect cut or fill slopes.

Hydraulic Mulch consists of applying a mixture of shredded wood fiber or a hydraulic matrix, and a stabilizing emulsion or tackifier with hydro-mulching equipment, which temporarily protects exposed soil from erosion by raindrop impact or wind.

Geo-Textiles and Mats - Matting of natural material is used to cover the soil surface to reduce erosion from rainfall impact, hold soil in place, and absorb and hold moisture near the soil surface. Additionally, matting may be used to stabilize soils until vegetation is established.

Fiber Rolls consists of straw, flax, or other similar materials bound into a tight tubular roll. When fiber rolls are placed at the toe and on the face of slopes, they intercept runoff, reduce its flow velocity, release the runoff as sheet flow, and provide removal of sediment from the runoff. By interrupting the length of a slope, fiber rolls can also reduce erosion.

Straw Bale Barriers are a series of straw bales placed on a level contour to intercept sheet flows. Straw bale barriers pond sheet-flow runoff, allowing sediment to settle out.

Silt Fences are made of a filter fabric that has been entrenched, attached to supporting poles, and sometimes backed by a plastic or wire mesh for support. The silt fence detains sediment laden water, promoting sedimentation behind the fence.

Stockpile Management procedures and practices are designed to reduce or eliminate air and stormwater pollution from stockpiles of soil, paving materials such as portland cement concrete (PCC) rubble, asphalt concrete (AC), asphalt concrete rubble, aggregate base, aggregate sub base or pre-mixed aggregate, asphalt minder (so called "cold mix" asphalt), and pressure treated wood.